

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/019737

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 817 018 A (SIEMENS AKTIENGESSELLSCHAFT) 7 January 1998 (1998-01-07)	1-3, 8, 9, 11-15
A	page 7, line 14 - line 19 page 9, line 39 - line 41; table 1 page 13, line 9 - line 55; figure 14	4-7, 10
Y	WO 00/63776 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 26 October 2000 (2000-10-26)	1-3, 8, 9, 11-15
A	abstract; figure 1 page 7, line 23 - line 32	4-7, 10
A	EP 0 798 638 A (HITACHI, LTD.) 1 October 1997 (1997-10-01) column 5, line 25 - column 6, line 19; figure 1 column 8, line 36 - column 9, line 19	4-7, 10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 May 2005

Date of mailing of the international search report

19/05/2005

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Information on patent family members

International Application No
PCT/JP2004/019737

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0817018	A	07-01-1998	US 6012081 A EP 0817018 A2 JP 10124330 A	04-01-2000 07-01-1998 15-05-1998
WO 0063776	A	26-10-2000	US 6766508 B1 WO 0063776 A2 EP 1088269 A2 JP 2002542536 T	20-07-2004 26-10-2000 04-04-2001 10-12-2002
EP 0798638	A	01-10-1997	CA 2200929 A1 EP 0798638 A2 JP 2904483 B2 JP 9319597 A US 6400819 B1 US 2003021228 A1 US 2002167903 A1 US 6337850 B1 US 5944778 A	28-09-1997 01-10-1997 14-06-1999 12-12-1997 04-06-2002 30-01-2003 14-11-2002 08-01-2002 31-08-1999